GenCore version 4.5

OM nucleic - nucleic search, using sw model

Run on: December 14, 2000, 22:59:49 ; Search time 176.17 Seconds
(without alignments)
200.888 Million cell updates/sec

Title: US-09-232-880-45
Perfect score: 234
Sequence: 1 acaacagacccttgctcgct.....taagctctatgacccgctgt 234

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 262060 seqs, 75620496 residues

Total number of hits satisfying chosen parameters: 524120

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_NA:*
1: /cgn2_6/ptodata/2/ina/5A_COMB.seq:*
2: /cgn2_6/ptodata/2/ina/5B_COMB.seq:*
3: /cgn2_6/ptodata/2/ina/5C_COMB.seq:*
4: /cgn2_6/ptodata/2/ina/5D_COMB.seq:*
5: /cgn2_6/ptodata/2/ina/6_COMB.seq:*
6: /cgn2_6/ptodata/2/ina/PCTUS_COMB.seq:*
7: /cgn2_6/ptodata/2/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

	Result No.	Score	% Query Match	Length	DB	ID	Description
	1	234	100.0	1386	4	US-08-897-340-1	Sequence 1, Appli
	2	227.8	97.4	871	2	US-08-744-026-2	Sequence 2, Appli
	3	227.8	97.4	871	4	US-09-102-732-2	Sequence 2, Appli
	4	45	19.2	1476	4	US-08-824-874-2	Sequence 2, Appli
	5	37.4	16.0	833	3	US-08-790-137-2	Sequence 2, Appli
	6	37.4	16.0	1314	5	US-09-025-059-2	Sequence 2, Appli
	7	35.8	15.3	957	2	US-08-684-862-11	Sequence 11, Appl
	8	34.8	14.9	840	2	US-08-684-862-12	Sequence 12, Appl
	9	34.4	14.7	1454	2	US-08-467-155A-2	Sequence 2, Appli
	10	34.4	14.7	1454	3	US-08-628-198-2	Sequence 2, Appli
	11	34.4	14.7	1454	6	PCT-US96-07343-2	Sequence 2, Appli
	12	34.2	14.6	1333	2	US-08-684-862-9	Sequence 9, Appli
	13	33.2	14.2	1096	2	US-08-684-862-8	Sequence 8, Appli
	14	32.6	13.9	986	3	US-08-557-146-1	Sequence 1, Appli
	15	32.6	13.9	986	4	US-09-154-344-1	Sequence 1, Appli
c	16	32.6	13.9	1089	5	US-08-930-188-1	Sequence 1, Appli
c	17	32.6	13.9	1089	5	US-08-930-188-3	Sequence 3, Appli
c	18	32.6	13.9	1089	6	PCT-US96-04294-1	Sequence 1, Appli
c	19	32.6	13.9	1089	6	PCT-US96-04294-3	Sequence 3, Appli
	20	31.6	13.5	732	2	US-08-361-395-2	Sequence 2, Appli
	21	31	13.2	988	2	US-08-684-862-10	Sequence 10, Appl
	22	30.2	12.9	2143	3	US-08-656-177A-1	Sequence 1, Appli
	23	30	12.8	1729	3	US-08-844-024-1	Sequence 1, Appli
	24	30	12.8	1729	4	US-08-718-547-1	Sequence 1, Appli
c	25	30	12.8	3224	5	US-09-079-415-3	Sequence 3, Appli
c	26	29.8	12.7	2830	1	US-07-882-292-1	Sequence 1, Appli
c	27	29.8	12.7	2830	4	US-08-331-644-1	Sequence 1, Appli
c	28	29.8	12.7	2830	6	PCT-US93-04102-1	Sequence 1, Appli
c	29	29	12.4	1190	1	US-08-310-370-1	Sequence 1, Appli
	30	28.4	12.1	992	1	US-08-358-782D-13	Sequence 13, Appl
	31	28.4	12.1	992	4	US-08-764-527A-13	Sequence 13, Appl
	32	28.4	12.1	1462	1	US-08-358-782D-14	Sequence 14, Appl
	33	28.4	12.1	1462	4	US-08-764-527A-14	Sequence 14, Appl
c	34	28	12.0	2483	3	US-08-177-109A-1	Sequence 1, Appli
c	35	28	12.0	2483	4	US-08-687-706-1	Sequence 1, Appli
	36	28	12.0	2634	5	US-08-941-936-1	Sequence 1, Appli
	37	27.8	11.9	665	4	US-08-980-060-12	Sequence 12, Appl
	38	27.8	11.9	3090	2	US-08-596-291-2	Sequence 2, Appli
	39	27.8	11.9	3090	5	US-09-100-804-2	Sequence 2, Appli
	40	27.8	11.9	3090	6	PCT-US94-09943-3	Sequence 3, Appli
	41	27.8	11.9	4928	2	US-08-399-561-1	Sequence 1, Appli
	42	27.6	11.8	1230	5	US-08-890-719-3	Sequence 3, Appli
	43	27.6	11.8	11219	2	US-07-642-734C-1	Sequence 1, Appli
	44	27.6	11.8	11219	5	US-08-439-009A-1	Sequence 1, Appli
	45	27.4	11.7	3300	1	US-08-194-290-6	Sequence 6, Appli

ALIGNMENTS

RESULT 1
US-08-897-340-1
; Sequence 1, Application US/08897340
; Patent No. 5955306
; GENERAL INFORMATION:
; APPLICANT: Gimeno, Carlos J. and Errada, Patrick, R.
; TITLE OF INVENTION: Weight Control Pathway Genes and Uses
; TITLE OF INVENTION: Therefor
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD, LLP
; STREET: 28 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/897,340
; FILING DATE: 7/21/97
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/715,032
; FILING DATE: 17-SEP-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Silveri, Jean M.
; REGISTRATION NUMBER: 39,030
; REFERENCE/DOCKET NUMBER: MNI-005CP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)227-5941
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1386 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-897-340-1

Query Match 100.0%; Score 234; DB 4; Length 1386;
Best Local Similarity 100.0%; Pred. No. 9.2e-68;
Matches 234; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy     61 agtctgacaccatccggagcatcagcattgcttcgcagtgccctaccgcggggaactctt 120
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Db    294 AGTCTGACACCATCCGGAGCATCAGCATTGCTTCGCAGTGCCCTACCGCGGGGAACTCTT 353

Qy    121 gcctcgtttctggctggggtctgctggcgaacggcagaatgcctaccgtgctgcagtgcg 180
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Db    354 GCCTCGTTTCTGGCTGGGGTCTGCTGGCGAACGGCAGAATGCCTACCGTGCTGCAGTGCG 413

Qy    181 tgaacgtgtcggtggtgtctgaggaggtctgcagtaagctctatgacccgctgt 234
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Db    414 TGAACGTGTCGGTGGTGTCTGAGGAGGTCTGCAGTAAGCTCTATGACCCGCTGT 467


RESULT   2
US-08-744-026-2
; Sequence 2, Application US/08744026
; Patent No. 5786148
; GENERAL INFORMATION:
;   APPLICANT:  Bandman, Olga
;   APPLICANT:  Goli, Surya K.
;   TITLE OF INVENTION:  A NOVEL PROSTATE-SPECIFIC
;   TITLE OF INVENTION:  KALLIKREIN
;   NUMBER OF SEQUENCES:  5
;   CORRESPONDENCE ADDRESS:
;     ADDRESSEE:  INCYTE PHARMACEUTICALS, INC.
;     STREET:  3174 Porter Drive
;     CITY:  Palo Alto
;     STATE:  CA
;     COUNTRY:  US
;     ZIP:  94304
;   COMPUTER READABLE FORM:
;     MEDIUM TYPE:  Diskette
;     COMPUTER:  IBM Compatible
;     OPERATING SYSTEM:  DOS
;     SOFTWARE:  FastSEQ Version 2.0
;   CURRENT APPLICATION DATA:
;     APPLICATION NUMBER:  US/08/744,026
;     FILING DATE:  Herewith
;     CLASSIFICATION:  514
;   PRIOR APPLICATION DATA:
;     APPLICATION NUMBER:
;     FILING DATE:  11/05/96
;   ATTORNEY/AGENT INFORMATION:
;     NAME:  Billings, Lucy J
;     REGISTRATION NUMBER:  36,749
;     REFERENCE/DOCKET NUMBER:  PF-0154 US
;   TELECOMMUNICATION INFORMATION:
;     TELEPHONE:  415-855-0555
;     TELEFAX:  415-845-4166
; INFORMATION FOR SEQ ID NO:  2:
;   SEQUENCE CHARACTERISTICS:
;     LENGTH:  871 base pairs
;     TYPE:  nucleic acid
;     STRANDEDNESS:  single
;     TOPOLOGY:  linear
;   IMMEDIATE SOURCE:
;     LIBRARY:
;     CLONE:  Consensus
US-08-744-026-2


  Query Match           97.4%;  Score 227.8;  DB 2;  Length 871;
  Best Local Similarity  97.9%;  Pred. No. 8.2e-66;
  Matches  229;  Conservative    0;  Mismatches    5;  Indels    0;  Gaps    0;

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Db    335 ACAACAGACCCTTGCTCGCTAACGACCTCATGNTCATCAAGTTGGACGAATCCGTGTCCG 394

Qy     61 agtctgacaccatccggagcatcagcattgcttcgcagtgccctaccgcggggaactctt 120
          ||||||||| ||||||||| |||||||||| |||||||||||||||||||||||||| ||
Db    395 AGTCTGACAACATCCGGAGNATCAGCATTGNTTCGCAGTGCCCTACCGCGGGGAACTTTT 454

Qy    121 gcctcgtttctggctggggtctgctggcgaacggcagaatgcctaccgtgctgcagtgcg 180
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Db    455 GCCTCGTTTCTGGCTGGGGTCTGCTGGCGAACGGCAGAATGCCTACCGTGCTGCAGTGCG 514

Qy    181 tgaacgtgtcggtggtgtctgaggaggtctgcagtaagctctatgacccgctgt 234
          ||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    515 TGAACGTGTCGGTGGTGTCTGAGGAGGTCTGCAGTAAGCTCTATGACCCGCTGT 568


RESULT   3
US-09-102-732-2
; Sequence 2, Application US/09102732
; Patent No. 5922321
;  GENERAL INFORMATION:
;    APPLICANT:  Bandman, Olga
;    APPLICANT:  Goli, Surya K.
;    TITLE OF INVENTION:  A NOVEL PROSTATE-SPECIFIC
;    TITLE OF INVENTION:  KALLIKREIN
;    NUMBER OF SEQUENCES:  5
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  INCYTE PHARMACEUTICALS, INC.
;      STREET:  3174 Porter Drive
;      CITY:  Palo Alto
;      STATE:  CA
;      COUNTRY:  US
;      ZIP:  94304
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Diskette
;      COMPUTER:  IBM Compatible
;      OPERATING SYSTEM:  DOS
;      SOFTWARE:  FastSEQ Version 2.0
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/09/102,732
;      FILING DATE:  6/22/98
;      CLASSIFICATION:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/744,026
;      FILING DATE:
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Billings, Lucy J
;      REGISTRATION NUMBER:  36,749
;      REFERENCE/DOCKET NUMBER:  PF-0154 US
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  415-855-0555
;      TELEFAX:  415-845-4166
;  INFORMATION FOR SEQ ID NO:  2:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  871 base pairs
;      TYPE:  nucleic acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    IMMEDIATE SOURCE:
;      LIBRARY:
;      CLONE:  Consensus
US-09-102-732-2


  Query Match           97.4%;  Score 227.8;  DB 4;  Length 871;
  Best Local Similarity  97.9%;  Pred. No. 8.2e-66;
  Matches  229;  Conservative    0;  Mismatches    5;  Indels    0;  Gaps    0;

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Db     455 GCCTCGTTTCTGGCTGGGGTCTGCTGGCGAACGGCAGAATGCCTACCGTGCTGCAGTGCG 514

Qy     181 tgaacgtgtcggtggtgtctgaggaggtctgcagtaagctctatgacccgctgt 234
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Db     515 TGAACGTGTCGGTGGTGTCTGAGGAGGTCTGCAGTAAGCTCTATGACCCGCTGT 568


RESULT   4
US-08-824-874-2
;  Sequence 2, Application US/08824874
;  Patent No. 5962300
;  GENERAL INFORMATION:
;     APPLICANT:  Hillman, Jennifer L.
;     APPLICANT:  Lal, Preeti
;     TITLE OF INVENTION:  NOVEL KALLIKREIN
;     NUMBER OF SEQUENCES:  5
;     CORRESPONDENCE ADDRESS:
;       ADDRESSEE:  Incyte Pharmaceuticals, Inc.
;       STREET:  3174 Porter Drive
;       CITY:  Palo Alto
;       STATE:  CA
;       COUNTRY:  USA
;       ZIP:  94304
;     COMPUTER READABLE FORM:
;       MEDIUM TYPE:  Diskette
;       COMPUTER:  IBM Compatible
;       OPERATING SYSTEM:  DOS
;       SOFTWARE:  FastSEQ for Windows Version 2.0
;     CURRENT APPLICATION DATA:
;       APPLICATION NUMBER:  US/08/824,874
;       FILING DATE:  Filed Herewith
;       CLASSIFICATION:  514
;     PRIOR APPLICATION DATA:
;       APPLICATION NUMBER:
;       FILING DATE:  3/26/97
;     ATTORNEY/AGENT INFORMATION:
;       NAME:  Billings, Lucy J.
;       REGISTRATION NUMBER:  36,749
;       REFERENCE/DOCKET NUMBER:  PF-0252 US
;     TELECOMMUNICATION INFORMATION:
;       TELEPHONE:  415-855-0555
;       TELEFAX:  415-845-4166
;   INFORMATION FOR SEQ ID NO:  2:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH:  1476 base pairs
;       TYPE:  nucleic acid
;       STRANDEDNESS:  single
;       TOPOLOGY:  linear
;     IMMEDIATE SOURCE:
;       LIBRARY:  KERANOT02
;       CLONE:  820694
US-08-824-874-2


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  Best Local Similarity   60.0%;  Pred. No. 1e-05;
  Matches   75;  Conservative    0;  Mismatches   50;  Indels    0;  Gaps    0;

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Db     725 CACTCTAACGACCTCATGCTCATCAAACTGAACAGAAGAATTCGTCCCACTAAAGATGTC 784

Qy      75 cggagcatcagcattgcttcgcagtgccctaccgcggggaactcttgcctcgtttctggc 134
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Qy     135 tgggg 139
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RESULT   5
US-08-790-137-2
;  Sequence 2, Application US/08790137
;  Patent No. 5840871
;  GENERAL INFORMATION:
;     APPLICANT:  Hillman, Jennifer L.
;     APPLICANT:  Goli, Surya K.
;     TITLE OF INVENTION:  A NOVEL PROSTATE-ASSOCIATED
;     TITLE OF INVENTION:  KALLIKREIN
;     NUMBER OF SEQUENCES:  4
;     CORRESPONDENCE ADDRESS:
;       ADDRESSEE:  Incyte Pharmaceuticals, Inc.
;       STREET:  3174 Porter Drive
;       CITY:  Palo Alto
;       STATE:  CA
;       COUNTRY:  USA
;       ZIP:  94304
;     COMPUTER READABLE FORM:
;       MEDIUM TYPE:  Diskette
;       COMPUTER:  IBM Compatible
;       OPERATING SYSTEM:  DOS
;       SOFTWARE:  FastSEQ for Windows Version 2.0
;     CURRENT APPLICATION DATA:
;       APPLICATION NUMBER:  US/08/790,137
;       FILING DATE:  Filed Herewith
;       CLASSIFICATION:  424
;     PRIOR APPLICATION DATA:
;       APPLICATION NUMBER:
;       FILING DATE:  1/29/97
;     ATTORNEY/AGENT INFORMATION:
;       NAME:  Billings, Lucy J.
;       REGISTRATION NUMBER:  36,749
;       REFERENCE/DOCKET NUMBER:  PF-0195 US
;     TELECOMMUNICATION INFORMATION:
;       TELEPHONE:  415-855-0555
;       TELEFAX:  415-845-4166
;   INFORMATION FOR SEQ ID NO:  2:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH:  833 base pairs
;       TYPE:  nucleic acid
;       STRANDEDNESS:  single
;       TOPOLOGY:  linear
US-08-790-137-2


  Query Match             16.0%;  Score 37.4;  DB 3;  Length 833;
  Best Local Similarity   57.1%;  Pred. No. 0.0026;
  Matches   68;  Conservative    0;  Mismatches   51;  Indels    0;  Gaps    0;

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           || ||| |||||||  | ||| |||       | || |||     |      |  | ||   |
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Qy      81 atcagcattgcttcgcagtgccctaccgcggggaactcttgcctcgtttctggctgggg 139
           ||| | |  | || |  ||    || || || | |   |||||| |||| ||||||||
Db     420 CTCACCCTCTCCTCACGCTGTGTCACTGCTGGCACCAGCTGCCTCATTTCCGGCTGGGG 478


RESULT   6
US-09-025-059-2
;  Sequence 2, Application US/09025059
;  Patent No. 6075136
;  GENERAL INFORMATION:
;     APPLICANT:  Tang, Y. Tom
;     APPLICANT:  Corley, Neil C.
;     APPLICANT:  Guegler, Karl J.
;     TITLE OF INVENTION:  PROSTATE-ASSOCIATED SERINE PROTEASE
;     NUMBER OF SEQUENCES:  4
;     CORRESPONDENCE ADDRESS:
;       ADDRESSEE:  Incyte Pharmaceuticals, Inc.
;       STREET:  3174 Porter Dr.
;       CITY:  Palo Alto
;       STATE:  CA
```

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;       COUNTRY:  USA
;       ZIP:  94304
;     COMPUTER READABLE FORM:
;       MEDIUM TYPE:  Diskette
;       COMPUTER:  IBM Compatible
;       OPERATING SYSTEM:  DOS
;       SOFTWARE:  FastSEQ for Windows Version 2.0
;     CURRENT APPLICATION DATA:
;       APPLICATION NUMBER:  US/09/025,059
;       FILING DATE:
;       CLASSIFICATION:
;     PRIOR APPLICATION DATA:
;       APPLICATION NUMBER:
;       FILING DATE:
;     ATTORNEY/AGENT INFORMATION:
;       NAME:  Billings, Lucy J
;       REGISTRATION NUMBER:  36,749
;       REFERENCE/DOCKET NUMBER:  PF-0481 US
;     TELECOMMUNICATION INFORMATION:
;       TELEPHONE:  650-855-0555
;       TELEFAX:  650-845-4166
;       TELEX:
;   INFORMATION FOR SEQ ID NO:  2:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH:  1314 base pairs
;       TYPE:  nucleic acid
;       STRANDEDNESS:  single
;       TOPOLOGY:  linear
;     IMMEDIATE SOURCE:
;       LIBRARY:  LUNGTUT10
;       CLONE:  2723646
US-09-025-059-2
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2/17/98

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  Query Match             16.0%;  Score 37.4;  DB 5;  Length 1314;
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  Matches   68;  Conservative    0;  Mismatches   51;  Indels    0;  Gaps    0;

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Qy      81 atcagcattgcttcgcagtgccctaccgcggggaactcttgcctcgtttctggctgggg 139
           ||| | |  | || |  ||    || || || | |   |||||| |||| |||||||||
Db     608 CTCACCCTCTCCTCACGCTGTGTCACTGCTGGCACCAGCTGCCTCATTTCCGGCTGGGG 666


RESULT   7
US-08-684-862-11
; Sequence 11, Application US/08684862
; Patent No. 5759541
;  GENERAL INFORMATION:
;    APPLICANT:  Bach, Alfred
;    APPLICANT:  Hillen, Heinz
;    APPLICANT:  Bialojan, Siegfried
;    TITLE OF INVENTION:  No. 5759541el Proteins, the Preparation and Use
;    TITLE OF INVENTION:  Thereof
;    NUMBER OF SEQUENCES:  14
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Keil & Weinkauf
;      STREET:  1101 Connecticut Avenue
;      CITY:  Washington
;      STATE:  D.C.
;      COUNTRY:  USA
;      ZIP:  20036
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Diskette, 5.25 inch, 360 Kb storage
;      COMPUTER:  IBM AT-compatible, 80286 processor
;      OPERATING SYSTEM:  MS-DOS version 5.0
;      SOFTWARE:  WordPerfect version 5.1
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/684,862
;      FILING DATE:
;      CLASSIFICATION:  435
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/361,705
;      FILING DATE:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  07/966,040
;      FILING DATE:  30-DEC-1992
;      APPLICATION NUMBER:  PCT/EP91/01361
;      FILING DATE:  19-JUL-1991
;  INFORMATION FOR SEQ ID NO:  11:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  957 base pairs
;      TYPE:  nucleic acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  cDNA to mRNA
;    ORIGINAL SOURCE:
;      ORGANISM:  Agkistrodon rhodostoma
;    FEATURE:
;      LOCATION:  210 to 911
;      OTHER INFORMATION:  the coding region shown in (2)(ix)(B)
;      OTHER INFORMATION:  codes for the protein of SEQ ID NO: 6
US-08-684-862-11


  Query Match             15.3%;  Score 35.8;  DB 2;  Length 957;
  Best Local Similarity   55.1%;  Pred. No. 0.0091;
  Matches   70;  Conservative    0;  Mismatches   57;  Indels    0;  Gaps    0;

Qy      13 tgctcgctaacgacctcatgctcatcaagttggacgaatccgtgtccgagtctgacacca 72
           | || |  || ||| | ||| | |||||| || || |  | ||   | |   |||   ||
Db     454 TACTGGACAAGGACATTATGTTGATCAAGCTGAACCATCCTGTTAGCAATAGTGAACACA 513

Qy      73 tccggagcatcagcattgcttcgcagtgccctaccgcggggaactcttgcctcgtttctg 132
           ||  |    ||||| |  ||||       || |  | |||    | |||||   ||   |
Db     514 TCGCGCCTCTCAGCTTGCCTTCCAGCCCTCCCAGTGTGGGCTCATTTTGCCATATTATGG 573

Qy     133 gctgggg 139
           | |||||
Db     574 GATGGGG 580


RESULT   8
US-08-684-862-12
; Sequence 12, Application US/08684862
; Patent No. 5759541
;  GENERAL INFORMATION:
;    APPLICANT:  Bach, Alfred
;    APPLICANT:  Hillen, Heinz
;    APPLICANT:  Bialojan, Siegfried
;    TITLE OF INVENTION:  No. 5759541el Proteins, the Preparation and Use
;    TITLE OF INVENTION:  Thereof
;    NUMBER OF SEQUENCES:  14
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Keil & Weinkauf
;      STREET:  1101 Connecticut Avenue
;      CITY:  Washington
;      STATE:  D.C.
;      COUNTRY:  USA
;      ZIP:  20036
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Diskette, 5.25 inch, 360 Kb storage
;      COMPUTER:  IBM AT-compatible, 80286 processor
;      OPERATING SYSTEM:  MS-DOS version 5.0
;      SOFTWARE:  WordPerfect version 5.1
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/684,862
;      FILING DATE:
;      CLASSIFICATION:  435
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/361,705
;      FILING DATE:
;    PRIOR APPLICATION DATA:
```

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;       APPLICATION NUMBER:  07/966,040
;       FILING DATE:  30-DEC-1992
;       APPLICATION NUMBER:  PCT/EP91/01361
;       FILING DATE:  19-JUL-1991
;   INFORMATION FOR SEQ ID NO:  12:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH:  840 base pairs
;       TYPE:  nucleic acid
;       STRANDEDNESS:  single
;       TOPOLOGY:  linear
US-08-684-862-12


  Query Match            14.9%;  Score 34.8;  DB 2;  Length 840;
  Best Local Similarity   55.9%;  Pred. No. 0.018;
  Matches   66;  Conservative    0;  Mismatches   52;  Indels    0;  Gaps    0;

Qy      22 acgacctcatgctcatcaagttggacgaatccgtgtccgagtctgacaccatccggagca 81
           | ||| ||||| | |||| | || || || | ||   | |   |||   ||||
Db     376 AGGACATCATGTTGATCAGGCTGAACAAACCTGTTAACAACAGTGAACACATCGCTCCTC 435

Qy      82 tcagcattgcttcgcagtgccctaccgcggggaactcttgcctcgtttctggctgggg 139
           ||||| |  ||||  |   || | | |||      |||||  |||   || |||||
Db     436 TCAGCTTGCCTTCCAACCCTCCCATTGTGGGCTCAGATTGCCGTGTTATGGGATGGGG 493


RESULT   9
US-08-467-155A-2
; Sequence 2, Application US/08467155A
; Patent No. 5736377
;  GENERAL INFORMATION:
;    APPLICANT:  Band, Vimla
;    TITLE OF INVENTION:  NES-1 POLYPEPTIDES, DNA, AND RELATED
;    TITLE OF INVENTION:  MOLECULES AND METHODS
;    NUMBER OF SEQUENCES:  11
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Fish & Richardson P.C.
;      STREET:  225 Franklin Street
;      CITY:  Boston
;      STATE:  MA
;      COUNTRY:  USA
;      ZIP:  02110-2804
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/467,155A
;      FILING DATE:  06-JUN-1995
;      CLASSIFICATION:  435
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Clark, Paul T.
;      REGISTRATION NUMBER:  30,162
;      REFERENCE/DOCKET NUMBER:  00398/100001
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  617/542-5070
;      TELEFAX:  617/542-8906
;      TELEX:  200154
;  INFORMATION FOR SEQ ID NO:  2:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  1454 base pairs
;      TYPE:  nucleic acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  cDNA
US-08-467-155A-2


  Query Match            14.7%;  Score 34.4;  DB 2;  Length 1454;
  Best Local Similarity   52.9%;  Pred. No. 0.031;
  Matches   74;  Conservative    0;  Mismatches   66;  Indels    0;  Gaps    0;

Qy      22 acgacctcatgctcatcaagttggacgaatccgtgtccgagtctgacaccatccggagca 81
           |||| |||||| |  | ||| ||| |    ||||      |     |  | |||||  |
Db     488 ACGATCTCATGTTGCTAAAGCTGGCCAGGCCCGTAGTGCCGGGGCCCCGCGTCCGGGCCC 547

Qy      82 tcagcattgcttcgcagtgccctaccgcggggaactcttgcctcgtttctggctgggg 141
           |     || | |  |  ||  ||    | ||  ||   ||||  ||| ||||||||||
Db     548 TGCAGCTTCCCTACCGCTGTGCTCAGCCCGGAGACCAGTGCCAGGTTGCTGGCTGGGGCA 607

Qy     142 tgctggcgaacggcagaatg 161
           |||   | | ||| ||
Db     608 CCACGGCCGCCCGGAGAGTG 627


RESULT  10
US-08-628-198-2
; Sequence 2, Application US/08628198
; Patent No. 5843694
;  GENERAL INFORMATION:
;    APPLICANT:  Band, Vimla
;    TITLE OF INVENTION:  NES-1 POLYPEPTIDES, DNA, AND RELATED
;    TITLE OF INVENTION:  MOLECULES AND METHODS
;    NUMBER OF SEQUENCES:  11
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Fish & Richardson P.C.
;      STREET:  225 Franklin Street
;      CITY:  Boston
;      STATE:  MA
;      COUNTRY:  USA
;      ZIP:  02110-2804
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/628,198
;      FILING DATE:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/467,155
;      FILING DATE:  06-JUN-1995
;      CLASSIFICATION:  514
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Clark, Paul T.
;      REGISTRATION NUMBER:  30,162
;      REFERENCE/DOCKET NUMBER:  00398/100002
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  617/542-5070
;      TELEFAX:  617/542-8906
;      TELEX:  200154
;  INFORMATION FOR SEQ ID NO:  2:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  1454 base pairs
;      TYPE:  nucleic acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  cDNA
US-08-628-198-2


  Query Match            14.7%;  Score 34.4;  DB 3;  Length 1454;
  Best Local Similarity   52.9%;  Pred. No. 0.031;
  Matches   74;  Conservative    0;  Mismatches   66;  Indels    0;  Gaps    0;

Qy      22 acgacctcatgctcatcaagttggacgaatccgtgtccgagtctgacaccatccggagca 81
           |||| |||||| |  | ||| ||| |    ||||      |     |  | |||||  |
Db     488 ACGATCTCATGTTGCTAAAGCTGGCCAGGCCCGTAGTGCCGGGGCCCCGCGTCCGGGCCC 547

Qy      82 tcagcattgcttcgcagtgccctaccgcggggaactcttgcctcgtttctggctgggg 141
           |     || | |  |  ||  ||    | ||  ||   ||||  ||| ||||||||||
Db     548 TGCAGCTTCCCTACCGCTGTGCTCAGCCCGGAGACCAGTGCCAGGTTGCTGGCTGGGGCA 607

Qy     142 tgctggcgaacggcagaatg 161
           |||   | | ||| ||
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Db    608 CCACGGCCGCCCGGAGAGTG 627


RESULT  11
PCT-US96-07343-2
; Sequence 2, Application PC/TUS9607343
;  GENERAL INFORMATION:
;    APPLICANT:  New England Medical Center Hospitals, Inc.
;    TITLE OF INVENTION:  NES-1 POLYPEPTIDES, DNA, AND RELATED
;    TITLE OF INVENTION:  MOLECULES AND METHODS
;    NUMBER OF SEQUENCES:  11
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Fish & Richardson P.C.
;      STREET:  225 Franklin Street
;      CITY:  Boston
;      STATE:  MA
;      COUNTRY:  USA
;      ZIP:  02110-2804
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  PCT/US96/07343
;      FILING DATE:
;      CLASSIFICATION:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/467,155
;      FILING DATE:  06-JUN-1995
;      CLASSIFICATION:
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Clark, Paul T.
;      REGISTRATION NUMBER:  30,162
;      REFERENCE/DOCKET NUMBER:  00398/100001
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  617/542-5070
;      TELEFAX:  617/542-8906
;      TELEX:  200154
;  INFORMATION FOR SEQ ID NO:  2:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  1454 base pairs
;      TYPE:  nucleic acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  cDNA
PCT-US96-07343-2


  ry Match            14.7%;  Score 34.4;  DB 6;  Length 1454;
  t Local Similarity  52.9%;  Pred. No. 0.031;
  Matches   74;  Conservative    0;  Mismatches   66;  Indels    0;  Gaps    0;

Qy      22 acgacctcatgctcatcaagttggacgaatccgtgtccgagtctgacaccatccggagca 81
           |||| ||||||  |  | ||| ||| |    ||||      |     |  | |||||  |
Db     488 ACGATCTCATGTTGCTAAAGCTGGCCAGGCCCGTAGTGCCGGGGCCCCGCGTCCGGGCCC 547

Qy      82 tcagcattgcttcgcagtgccctaccgcggggaactcttgcctcgtttctggctggggtc 141
           |     || | |  |  ||  ||    | ||  ||   ||||  ||| ||||||||||
Db     548 TGCAGCTTCCCTACCGCTGTGCTCAGCCCGGAGACCAGTGCCAGGTTGCTGGCTGGGGCA 607

Qy     142 tgctggcgaacggcagaatg 161
           |||   | | ||| ||
Db     608 CCACGGCCGCCCGGAGAGTG 627


RESULT  12
US-08-684-862-9
; Sequence 9, Application US/08684862
; Patent No. 5759541
;  GENERAL INFORMATION:
;    APPLICANT:  Bach, Alfred
;    APPLICANT:  Hillen, Heinz
;    APPLICANT:  Bialojan, Siegfried
;    TITLE OF INVENTION:  No. 5759541el Proteins, the Preparation and Use
;    TITLE OF INVENTION:  Thereof
;    NUMBER OF SEQUENCES:  14
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Keil & Weinkauf
;      STREET:  1101 Connecticut Avenue
;      CITY:  Washington
;      STATE:  D.C.
;      COUNTRY:  USA
;      ZIP:  20036
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Diskette, 5.25 inch, 360 Kb storage
;      COMPUTER:  IBM AT-compatible, 80286 processor
;      OPERATING SYSTEM:  MS-DOS version 5.0
;      SOFTWARE:  WordPerfect version 5.1
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/684,862
;      FILING DATE:
;      CLASSIFICATION:  435
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/361,705
;      FILING DATE:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  07/966,040
;      FILING DATE:  30-DEC-1992
;      APPLICATION NUMBER:  PCT/EP91/01361
;      FILING DATE:  19-JUL-1991
;  INFORMATION FOR SEQ ID NO:  9:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  1333 base pairs
;      TYPE:  nucleic acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  cDNA to mRNA
;    ORIGINAL SOURCE:
;      ORGANISM:  Agkistrodon rhodostoma
;    FEATURE:
;      LOCATION:  231 to 935
;      OTHER INFORMATION:  the coding region shown in (2)(ix)(B)
;      OTHER INFORMATION:  codes for the protein of SEQ ID NO: 4
US-08-684-862-9


  Query Match            14.6%;  Score 34.2;  DB 2;  Length 1333;
  Best Local Similarity  55.5%;  Pred. No. 0.035;
  Matches   66;  Conservative    0;  Mismatches   53;  Indels    0;  Gaps    0;

Qy      21 aacgacctcatgctcatcaagttggacgaatccgtgtccgagtctgacaccatccggagc 80
           || ||| ||||| | |||||| |||||     | ||   | |   |     ||||  |
Db     486 AAGGACATCATGTTAATCAAGCTGGACAGTCCTGTTAACAACAGTACTCACATCGCGCCT 545

Qy      81 atcagcattgcttcgcagtgccctaccgcggggaactcttgcctcgtttctggctgggg 139
           |||||| |  ||||       || |  | |||      |||||  |||   || |||||
Db     546 ATCAGCTTGCCTTCCAGCCCTCCCAGTGTGGGCTCAGTTTGCCGTGTTATGGGATGGGG 604


RESULT  13
US-08-684-862-8
; Sequence 8, Application US/08684862
; Patent No. 5759541
;  GENERAL INFORMATION:
;    APPLICANT:  Bach, Alfred
;    APPLICANT:  Hillen, Heinz
;    APPLICANT:  Bialojan, Siegfried
;    TITLE OF INVENTION:  No. 5759541el Proteins, the Preparation and Use
;    TITLE OF INVENTION:  Thereof
;    NUMBER OF SEQUENCES:  14
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Keil & Weinkauf
;      STREET:  1101 Connecticut Avenue
;      CITY:  Washington
;      STATE:  D.C.
```

```
;       COUNTRY:  USA
;       ZIP:  20036
;     COMPUTER READABLE FORM:
;       MEDIUM TYPE:  Diskette, 5.25 inch, 360 Kb storage
;       COMPUTER:  IBM AT-compatible, 80286 processor
;       OPERATING SYSTEM:  MS-DOS version 5.0
;       SOFTWARE:  WordPerfect version 5.1
;     CURRENT APPLICATION DATA:
;       APPLICATION NUMBER:  US/08/684,862
;       FILING DATE:
;       CLASSIFICATION:  435
;     PRIOR APPLICATION DATA:
;       APPLICATION NUMBER:  US/08/361,705
;       FILING DATE:
;     PRIOR APPLICATION DATA:
;       APPLICATION NUMBER:  07/966,040
;       FILING DATE:  30-DEC-1992
;       APPLICATION NUMBER:  PCT/EP91/01361
;       FILING DATE:  19-JUL-1991
;   INFORMATION FOR SEQ ID NO:  8:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH:  1096 base pairs
;       TYPE:  nucleic acid
;       STRANDEDNESS:  single
;       TOPOLOGY:  linear
;     MOLECULE TYPE:  cDNA to mRNA
;     ORIGINAL SOURCE:
;       ORGANISM:  Agkistrodon rhodostoma
;     FEATURE:
;       LOCATION:  144 to 841
;       OTHER INFORMATION:  the coding region shown in (2)(ix)(B)
;       OTHER INFORMATION:  codes for the protein of SEQ ID NO: 3
US-08-684-862-8


  Query Match             14.2%;  Score 33.2;  DB 2;  Length 1096;
  Best Local Similarity   55.1%;  Pred. No. 0.069;
  Matches   65;  Conservative    0;  Mismatches   53;  Indels    0;  Gaps    0;

Qy      22 acgacctcatgctcatcaagttggacgaatccgtgtccgagtctgacaccatccggagca 81
           | ||| ||||| | |||| | || || || | ||   | |   |||   ||||
Db     403 AGGACATCATGTTGATCAGGCTGAACAAACCTGTTAACAACAGTGAACACATCGCTCCTC 462

Qy      82 tcagcattgcttcgcagtgccctaccgcggggaactcttgcctcgtttctggctgggg 139
           ||||| |  ||||       || |  | |||      |||||  |||   || |||||
Db     463 TCAGCTTGCCTTCCGGCCCTCCCATTGTGGGCTCAGTTTGCCGTGTTATGGGATGGGG 520


RESULT  14
US-08-557-146-1
; Sequence 1, Application US/08557146
; Patent No. 5834290
;  GENERAL INFORMATION:
;    APPLICANT:  Egelrud, Torbjorn
;    APPLICANT:  Hansson, Lennart
;    TITLE OF INVENTION:  Recombinant Stratum Corneum Chymotryptic
;    TITLE OF INVENTION:  Enzyme (SCCE)
;    NUMBER OF SEQUENCES:  17
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  White & Case, Patent Department
;      STREET:  1155 Avenue of the Americas
;      CITY:  New York
;      STATE:  New York
;      COUNTRY:  U.S.A.
;      ZIP:  10036-2787
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25 (EPO)
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/557,146
;      FILING DATE:  14-DEC-1995
;      CLASSIFICATION:  424
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Sterner, Richard J.
;      REGISTRATION NUMBER:  35,372
;      REFERENCE/DOCKET NUMBER:  1103326-181
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (212) 819-8783
;      TELEFAX:  (212) 354-8113
;  INFORMATION FOR SEQ ID NO:  1:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  986 base pairs
;      TYPE:  nucleic acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  cDNA
;    HYPOTHETICAL:  NO
;    ANTI-SENSE:  NO
;    ORIGINAL SOURCE:
;      ORGANISM:  Homo sapiens
;    FEATURE:
;      NAME/KEY:  CDS
;      LOCATION:  25..786
;    FEATURE:
;      NAME/KEY:  sig_peptide
;      LOCATION:  25..90
;    FEATURE:
;      NAME/KEY:  mat_peptide
;      LOCATION:  112..783
US-08-557-146-1


  Query Match             13.9%;  Score 32.6;  DB 3;  Length 986;
  Best Local Similarity   49.8%;  Pred. No. 0.1;
  Matches  114;  Conservative    0;  Mismatches  109;  Indels    6;  Gaps    1;

Qy       1 acaacagacccttgctcgctaacgacctcatgctcatcaagttggacgaatccgtgtccg 60
             ||  || ||      |  | ||| ||||||||||||| | ||| |  |       |
Db     335 ACTCCACACAGACCCATGTTAATGACCTCATGCTCGTGAAGCTCAATAGCCAGGCCAGGC 394

Qy      61 agtctgacaccatccggagcatcagcattgcttcgcagtgccctaccgcggggaactctt 120
             |||   ||   |   ||  ||||  |  | || |  |||    || | || | | | |
Db     395 TGTCATCCATGGTGAAGAAAGTCAGGCTGCCCTCCCGCTGCGAACCCCCTGGAACCACCT 454

Qy     121 gcctcgtttctggctggggtctgctggcga------acggcagaatgcctaccgtgctgc 174
           |    || || ||||||||         |||      | |  |   | ||  | |  ||
Db     455 GTACTGTCTCCGGCTGGGGCACTACCACGAGCCCAGATGTGACCTTTCCCTCTGACCTCA 514

Qy     175 agtgcgtgaacgtgtcggtggtgtctgaggaggtctgcagtaagctcta 223
           |||||||  | ||   | |  | ||     ||| |||||  ||| | ||
Db     515 TGTGCGTGGATGTCAAGCTCATCTCCCCCCAGGACTGCACGAAGGTTTA 563


RESULT  15
US-09-154-344-1
; Sequence 1, Application US/09154344
; Patent No. 5981256
;  GENERAL INFORMATION:
;    APPLICANT:  Egelrud, Torbjorn
;    APPLICANT:  Hansson, Lennart
;    TITLE OF INVENTION:  Recombinant Stratum Corneum Chymotryptic
;    TITLE OF INVENTION:  Enzyme (SCCE)
;    NUMBER OF SEQUENCES:  17
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  White & Case, Patent Department
;      STREET:  1155 Avenue of the Americas
;      CITY:  New York
;      STATE:  New York
;      COUNTRY:  U.S.A.
;      ZIP:  10036-2787
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
```

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;       SOFTWARE:  PatentIn Release #1.0, Version #1.25 (EPO)
;     CURRENT APPLICATION DATA:
;       APPLICATION NUMBER:  US/09/154,344
;       FILING DATE:  16-SEP-1998
;       CLASSIFICATION:
;     PRIOR APPLICATION DATA:
;       APPLICATION NUMBER:  US 08/557,146
;       FILING DATE:  14-DEC-1995
;       CLASSIFICATION:
;     ATTORNEY/AGENT INFORMATION:
;       NAME:  Sterner, Richard J.
;       REGISTRATION NUMBER:  35,372
;       REFERENCE/DOCKET NUMBER:  1103326-181
;     TELECOMMUNICATION INFORMATION:
;       TELEPHONE:  (212) 819-8783
;       TELEFAX:  (212) 354-8113
;   INFORMATION FOR SEQ ID NO:  1:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH:  986 base pairs
;       TYPE:  nucleic acid
;       STRANDEDNESS:  single
;       TOPOLOGY:  linear
;     MOLECULE TYPE:  cDNA
;     HYPOTHETICAL:  NO
;     ANTI-SENSE:  NO
;     ORIGINAL SOURCE:
;       ORGANISM:  Homo sapiens
;     FEATURE:
;       NAME/KEY:  CDS
;       LOCATION:  25..786
;     FEATURE:
;       NAME/KEY:  sig_peptide
;       LOCATION:  25..90
;     FEATURE:
;       NAME/KEY:  mat_peptide
;       LOCATION:  112..783
US-09-154-344-1


  Query Match             13.9%;  Score 32.6;  DB 4;  Length 986;
  Best Local Similarity   49.8%;  Pred. No. 0.1;
  Matches  114;  Conservative    0;  Mismatches  109;  Indels    6;  Gaps    1;

Qy       1 acaacagacccttgctcgctaacgacctcatgctcatcaagttggacgaatccgtgtccg 60
           ||  || ||     |  | ||| ||||||||||||| | ||| |  |       |
Db     335 ACTCCACACAGACCCATGTTAATGACCTCATGCTCGTGAAGCTCAATAGCCAGGCCAGGC 394

Qy      61 agtctgacaccatccggagcatcagcattgcttcgcagtgccctaccgcggggaactctt 120
           |||   ||   |   ||   ||||  |  | || |  |||    || | || | | | |
Db     395 TGTCATCCATGGTGAAGAAAGTCAGGCTGCCCTCCCGCTGCGAACCCCCTGGAACCACCT 454

Qy     121 gcctcgtttctggctggggtctgctggcga------acggcagaatgcctaccgtgctgc 174
           |    || || ||||||||         |||       | |  |   | ||  | |  ||
Db     455 GTACTGTCTCCGGCTGGGGCACTACCACGAGCCCAGATGTGACCTTTCCCTCTGACCTCA 514

Qy     175 agtgcgtgaacgtgtcggtggtgtctgaggaggtctgcagtaagctcta 223
           ||||||| | ||   | |  | ||     ||| |||||  ||| | ||
Db     515 TGTGCGTGGATGTCAAGCTCATCTCCCCCCAGGACTGCACGAAGGTTTA 563


Search completed: December 15, 2000, 11:28:01
Job time: 44892 sec
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